

# UNIVERSITY OF HALIFAX.

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## REGULATIONS

RELATING TO DEGREES IN

## ARTS.

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*All communications should be addressed "To the Registrar of  
the University of Halifax, Halifax, N. S."*

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FEBRUARY, 1877.

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HALIFAX, N. S.  
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1877.

## EXAMINATIONS IN 1877.

### DATES OF COMMENCEMENT.

MATRICULATION.—Tuesday, September 4.

BACHELOR OF ARTS.—First B. A., Tuesday, July 17; Second B. A., No Examination will be held this year.

BACHELOR OF LAWS.—First LL. B., and Second LL. B., Tuesday, July 17.

BACHELOR OF MEDICINE.—First M. B., Tuesday, May 1; Second M. B., Tuesday, May 1.

DOCTOR OF MEDICINE.—Tuesday, May 1.

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### LATEST DATES FOR RECEPTION OF CERTIFICATES AT REGISTRAR'S OFFICE.

MATRICULATION.—Tuesday, August 21.

BACHELOR OF ARTS.—First B. A., Monday, June 18.

BACHELOR OF LAWS.—First LL. B., and Second LL. B., Monday, June 18.

BACHELOR OF MEDICINE.—First M.B., and Second M.B., Monday, April 2.

DOCTOR OF MEDICINE.—Monday, April 2.

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## ARTS.

### BACHELOR OF ARTS.

CANDIDATES for the Degree of BACHELOR OF ARTS shall be required to have passed the MATRICULATION EXAMINATION and to pass Two subsequent Examinations (1).

#### FIRST B. A. EXAMINATION.

The FIRST B. A. EXAMINATION shall take place once in each year, and shall commence on the first Tuesday after the 15th July. (2)

No Candidate shall be admitted to this Examination within One Academical year (3) of the time of his passing the MATRICULATION EXAMINATION; nor shall any Candidate be admitted unless he have produced a satisfactory Certificate of Good Conduct, which shall be transmitted to the Registrar at least *one calendar month* before the commencement of the Examination.

The Fee for this Examination shall be Five Dollars. No Candidate shall be admitted to the Examination unless he have previously paid this Fee to the Registrar. (4). If, after payment of his Fee, a Candidate withdraws his name, or fails to present himself at the Examination, or fails to pass it, the Fee shall not be returned to him; but he shall be allowed to enter for any *two* subsequent FIRST B. A. EXAMINATIONS without the payment of any additional Fee, provided that he give notice to the Registrar at least *fourteen days* before the commencement of the Examination; such notice in respect to the privilege aforesaid, being considered equivalent to entry.

The Examination shall be conducted by means of Written or Printed Papers; but the Examiners shall not be precluded from putting, for the purpose of ascertaining the competence of the Candidates to pass, *viva voce* questions to any Candidate in the subjects in which they are appointed to examine.

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(1.) The Pass Examinations may be held not only in the City of Halifax, but also, under a special arrangement (see page 11), in other parts of the Province.

(2.) This Regulation is temporary, but due notice of any change in the date of holding the Examination will be given.

(3.) By the term "Academical Year" is ordinarily meant the period intervening between any Examination and an Examination of a higher grade in the following year; which period may be either *more* or *less* than a Calendar year.

(4.) Payment of the Fee is not expected until the Candidate enters his name on the Register of the University; for which entry a time is appointed, of which he is informed when the receipt of his Certificate is acknowledged by the Registrar.

Candidates will be examined in the following subjects:—

### CLASSICS.

#### THE LATIN LANGUAGE. (1)

Three Books, *e. g.*, *Horace*, two Books of Odes, and *Cicero*, De Senectute or de Amicitia. Or *Livy*, Books 21 and 22, and *Horace*, Ars Poetica.

#### HISTORY AND GEOGRAPHY.

Roman History to Battle of Actium, as in Liddell's History of Rome.

Ancient Geography of Italy, Sicily, Gaul, Spain.

#### LATIN PROSE COMPOSITION.

As in Smith's Principia Latina, part IV., or Arnold's Prose Composition, Practical Introduction, part I. Grammar.

#### GREEK. (2)

Two Books, as one of Homer and one of Xenophon, or an equivalent portion of Herodotus.

Questions in History and Geography arising out of Books prescribed.

Greek Grammar.

### MATHEMATICS.

#### ALGEBRA.

To end of Quadratic Equations.

Arithmetical and Geometrical Progressions.

Proportion and Variation.

Permutations and Combinations.

Binomial Theorem for the positive integral exponent.

Nature and use of Logarithms.

Interest and Annuities.

#### GEOMETRY.

Euclid, Books 3, 4 and 6, and Book 11 to 21st proposition, or the subjects thereof.

#### ANALYTICAL GEOMETRY.

The Equations of the Straight Line, and the Equations of the Circle referred to rectangular co-ordinates.

The Equations of the Conic Sections referred to rectangular co-ordinates.

#### PLANE TRIGONOMETRY.

To the end of the solution of Triangles.

(1) The LATIN Subjects for 1877 and 1878 are:—

For 1877:—*Horace*, Odes, Books I. and II.; *Cicero*, De Amicitia.

For 1878:—*Livy*, Books XXI. and XXII.; *Horace*, Ars Poetica.

(2) The GREEK Subjects for 1877 and 1878 are:—

For 1877:—*Homer*, Iliad, Book V.; *Xenophon*, Cyropædia, Book I.

For 1878:—*Homer*, Odyssey, Book V.; *Xenophon*, Memorabilia, Book I.

## THE ENGLISH LANGUAGE AND LITERATURE. (1)

Selected portions of Smith's Student's English Language, and Angus' Hand-Book of the English Tongue, or Adams'.  
 Whately's Rhetoric, or some other equivalent text-book.  
 Shakespeare, one play, and an equivalent portion of some other English author, or a paper on Anglo-Saxon or Early English.

## CHEMISTRY.

Heat, Light, Magnetism, Electricity, in their relation to Chemical Affinity.  
 Principles of Chemical Philosophy—The Atomic Theory.  
 The Non-Metallic Elements and their compounds.  
 Metals and Metallic Salts.  
 Outlines of Organic Chemistry.

## LOGIC.

Terms, Methodology, Propositions.  
 Syllogisms.  
 Induction, as in Whately's, or Fowler's, or Jevon's.

The Examinations shall be conducted in the following order :—

## TUESDAY.

*Morning*, 10 to 1. Latin.  
*Afternoon*, 3 to 6. Greek.

## WEDNESDAY.

*Morning*, 10 to 1. Geometry and Algebra.  
*Afternoon*, 3 to 6. Analytical Geometry and Plane Trigonometry.

## THURSDAY.

*Morning*, 10 to 1. English Language and Literature.  
*Afternoon*, 3 to 6. Chemistry.

## FRIDAY.

*Morning*, 10 to 1. Logic.

Within Ten Days after the Examination, the Examiners shall publish a List of the Candidates who have passed, arranged in Two Divisions, the First in the order of proficiency and the Second in alphabetical order.

A Pass Certificate signed by the Registrar shall be delivered to each successful Candidate who shall apply for it, after the Report of the Examiners shall have been approved by the Senate.

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(1) The ENGLISH Subjects for 1877 and 1878 are :—

For 1877 :—*Smith* : Student's English Language, Lectures I.-IV.  
*Shakespeare* : Julius Cæsar.  
*Macaulay* : Essay on Warren Hastings.

For 1878 :—*Smith* : Student's English Language, Lectures V.-VII. and XXVI.  
*Shakespeare* : King Lear.  
*Macaulay* : Essay on Lord Clive.

## PRIZES.

If in the opinion of the Examiners any Candidates in the First Division shall possess sufficient merit, the first among such Candidates shall receive a Prize of the value of Seventy-Five Dollars ; the second shall receive a Prize of the value of Fifty Dollars ; the third a Prize of the value of Forty Dollars, and the fourth a Prize of the value of Thirty-Five Dollars.

## SECOND B. A. EXAMINATION.

The SECOND B. A. EXAMINATION shall take place once in each year, and shall commence on the Tuesday in the second week after the commencement of the FIRST B. A. EXAMINATION [1.]

No Candidate shall be admitted to this Examination within one Academical year [2] of the time of his passing the FIRST B. A. EXAMINATION, nor shall any Candidate be admitted unless he have produced a satisfactory Certificate of Good Conduct, which shall be transmitted to the Registrar at least *one calendar month* before the commencement of the Examination.

The Fee for this Examination shall be Five Dollars. No Candidate shall be admitted to the Examination unless he have previously paid this Fee to the Registrar. [3.] If, after payment of his Fee, a Candidate withdraws his name, or fails to present himself at the Examination, or fails to pass it, the Fee shall not be returned to him, but he shall be allowed to enter for any *two* subsequent SECOND B. A. EXAMINATIONS without the payment of any additional Fee, provided that he give notice to the Registrar at least *fourteen days* before the commencement of the Examination; such notice, in respect to the privilege aforesaid, being considered equivalent to entry.

The Examination shall be conducted by means of Written or Printed Papers; but the Examiners shall not be precluded from putting, for the purpose of ascertaining the competence of the Candidates to pass, *viva voce* questions to any Candidate in the subjects in which they are appointed to examine.

Candidates shall be examined in the following subjects:—

[*N. B.*—The first two subjects, Mathematics and Physics and Classics, are *compulsory* (except that Spherical Trigonometry and Astronomy may be omitted by Candidates who pass in Classics, and that one subject in Greek and Latin may be omitted by Candidates who pass in Mathematics and Physics.) Of the remaining three subjects, French or German or Hebrew, Mental and Moral Philosophy, Constitutional History and Political Economy, two are compulsory.]

[1.] No Second B. A. Examination will be held in 1877.

[2.] See Note 3, page 3.

[3.] Payment of the Fee is not expected until the Candidate enters his name on the Register of the University; for which entry a time is appointed, of which he is informed when the receipt of his Certificate is acknowledged by the Registrar.

## MATHEMATICS AND PHYSICS.

Spherical Trigonometry (resolution of Triangles).

Statics and Dynamics.

Hydrostatics.

Optics: Geometrical and Physical.

Acoustics.

Astronomy.

Heat.

Electricity.

Magnetism.

Books suggested: For Statics, Dynamics and Hydrostatics, Galbraith and Haughton's or Parkinson's *Mechanics*; Newth's *Elements of Mechanics*; Balfour Stewart's *Lessons in Elementary Physics*. Optics and Astronomy by Galbraith and Haughton, or Lockyer's *Astronomy*.

## CLASSICS.

### LATIN. (1)

Two subjects, *e. g.*, *Tacitus*, one Book of Annals or History, and Horace, the Satires. Or one Play of *Terence* or *Plautus*, and *Cicero*, De Oratore.

### GREEK. (2)

Two subjects, *e. g.*, One Tragedy and one Book of *Thucydides*, Or one Tragedy and one of the long Orations of *Demosthenes*. History of Greece to the death of Alexander, as in Smith's *Student's Greece* or Cox's *General History of Greece*. Ancient Geography of Greece and Asia.

## FRENCH OR GERMAN OR HEBREW.

### FRENCH.

French Grammar.

Translation from Racine, Molière, Lamartine, Chateaubriand, Guizot, or similar standard authors.

Translation of ordinary prose English into French.

### GERMAN. [3]

Otto's German Conversation Grammar.

Schiller's *Wilhelm Tell*, or Goethe's *Faust*.

Translation of easy prose English into German.

### HEBREW. [4]

Green's or Arnold's Grammar.

Genesis, Chapter XX. to end, or first Twenty Psalms.

## MENTAL AND MORAL PHILOSOPHY.

The Intellect.

The Emotions.

The Active and Moral Nature.

Text-Books suggested:—Mansell's *Metaphysics* or Porter's *Human Intellect*.

Dugald Stewart's *Active and Moral Powers of Man*, or Hill's *Elements of Philosophy*.

Fleming's *Manual*, or La Foret's *Philosophie Morale*.

[1] The LATIN Subjects for 1878 are:—*Tacitus*, Annals, Book I.; *Horace*, the Satires.

[2] The GREEK Subjects for 1878 are:—*Euripides*, *Hecuba*; *Thucydides*, Book I.

[3.] The GERMAN subject for 1878 is :—*Schiller*, *Wilhelm Tell*.

[4.] The HEBREW subject for 1878 is :—First Twenty Psalms.



## CONSTITUTIONAL HISTORY AND POLITICAL ECONOMY.

Chapter on English History, in Hallam's Middle Ages.  
Hallam's or Stubb's Constitutional History and May's.  
Fawcett's Political Economy.

The Examinations shall be conducted in the following order:—

### TUESDAY.

*Morning*, 10 to 1. Latin.  
*Afternoon*, 3 to 6. Greek.

### WEDNESDAY.

*Morning*, 10 to 1. Mathematics and Physics.  
*Afternoon*, 3 to 6. Physics.

### THURSDAY.

*Morning*, 10 to 1. Mental Philosophy.  
*Afternoon*, 3 to 6. Ethics.

### FRIDAY.

*Morning*, 10 to 1. Constitutional History.  
*Afternoon*, 3 to 6. Political Economy.

Within Ten Days after the Examination the Examiners shall publish a List of the Candidates who have passed, arranged in Two Divisions, the First in the order of proficiency, and the Second in alphabetical order.

A Certificate under the Seal of the University and signed by the Chancellor, shall be delivered at the Public Presentation for Degrees to each Candidate who has passed.

## EXAMINATION FOR HONOURS.

Any Candidate who has passed the SECOND B. A. EXAMINATION may be examined at the Honours Examination next following the Second B. A. Examination at which he has passed, for Honours in

- 1.—Classics.
- 2.—Mathematics and Physics.
- 3.—Logic, Mental and Moral Philosophy and Political Economy.
- 4.—Chemistry.
- 5.—English Language and Literature.
- 6.—Modern Languages.

Candidates for Honours in CLASSICS shall be examined in  
**LATIN.**

*Livy*, Books XXI. and XXII.  
*Tacitus*, Histories, Book I.  
*Terence*, Adelphi.  
*Virgil*, Georgics.  
*Cicero*, De Oratore.  
Prose Composition.

### GREEK.

*Aristotle*, Ethics, Books I. and II.  
*Herodotus*, Books I.-III.  
*Sophocles*, Ajax.  
*Æschylus*, Prometheus.  
*Aristophanes*, The Clouds.  
Prose Composition.

Candidates for Honours in MATHEMATICS AND PHYSICS shall be examined in

Algebra, including the Theory of Equations.  
Plane and Spherical Trigonometry.  
Differential and Integral Calculus.  
Conic Sections.  
Geometry of three dimensions.  
Physics—extension of subjects of the ordinary course of Physics in the Second B. A. Pass Examination.

Candidates for Honours in LOGIC, MENTAL AND MORAL PHILOSOPHY, and POLITICAL ECONOMY, shall be examined in

An Extension of the subjects in the Pass Course.  
Books recommended: Jevon's Principles of Science; Thompson's Laws of Thought; Hamilton's Metaphysics; Mill's Review of Hamilton's Philosophy; McCosh's Defence of Fundamental Truth—or, as an alternative for the three works last named, Liberatori's Philosophy, or Barne's Philosophy. Mill's Political Economy; Archer Butler's Ancient Philosophy; Maurice's Mediæval Philosophy; Morell's History of the Speculative Philosophy of the Nineteenth Century; McCosh's History of the Scottish Philosophy.

Candidates for Honours in CHEMISTRY shall be examined in

Organic Chemistry, as in Watt's Edition of Fownes' Chemistry  
Qualitative Analysis—Detection of Bases and Acids (inorganic).  
Quantitative Inorganic Analysis.  
Manipulation and Calculation of Results.

Candidates for Honours in ENGLISH LANGUAGE AND LITERATURE shall be examined in

*Sir W.*, Student's English Language.  
*Trench*, Study of Words, English Past and Present.  
*Whately*, Synonyms.  
*Spenser*, Faery Queen, Books I. to III.  
*Shakespeare*, King Lear and Macbeth.  
*Bacon*, Essays.  
*Pope*, Essay on Man, Satires and Epistles (M. Pattison's edition recommended).

Candidates for Honours in MODERN LANGUAGES shall be examined in

French and German,  
or  
French and Italian,  
or  
French and Spanish.  
Translation into English of passages from standard works in the two languages chosen.  
Translation of English prose into the same two languages.

Candidates may also be required to show facility in conversation in French.

## LOCAL EXAMINATIONS

FOR

MATRICULATION AND DEGREES IN ARTS.

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Upon the request of the Governing Board of any of the Colleges in connexion with the University as to Matriculation and Arts, the Senate may appoint Examinations to be held at such places as they see fit.

These Examinations will be carried on simultaneously with the Examinations in Halifax, under the supervision of Sub-Examiners appointed by the Senate. The Answers of the Candidates at the Local Examinations will be reviewed by the Examiners at the same time with the Answers of the Candidates examined in Halifax; and a List of the Candidates who have passed at each Local Examination will be published, at the time fixed by the Regulations, at the place where such Examination has been held.

The Regulations respecting the transmission of Certificates to the Registrar, the Fees payable to the University, the times and the mode of conducting the Examinations, and the arrangement of the Candidates after Examination, are the same for all Candidates.